NAME OF WORK : IMPROVEMENTS TO ROADS AND DRAINS AT MARIYANNAPALYA, MUNIKEMPANNA LAYOUT, BHUVANESHWARINAGRA, DASARAHALLI BALANCE ROADS AND SURROUNDING AREA IN WARD NO.06 BYATARAYANAPURA SUB DIVISION.

PMC

First and Part Bill

(Book No.01)

To,

Date: 27-08-2022

ASSISTANT EXECUTIVE ENGINEER
BYATARAYANAPURA SUB DIVISION
BBMP
BANGALORE

Dear Sir,

Sub: M/s. Civil Pro Services for the work of **"IMPROVEMENTS TO ROADS AND DRAINS AT MARIYANNAPALYA, MUNIKEMPANNA LAYOUT, BHUVANESHWARINAGARA, DASARAHALLI BALANCE ROADS AND SURROUNDING AREA IN WARD NO. 06 BYATARAYANAPURA SUB DIVISION."**

Ref: 1. Work Order No: BBMP/EE/BTP/WO/02/2021-22
2. Job code: 006-22-000005

We are here with forwarding to Sri. Gopi Reddy, No:03, 1st Cross, 1st Main, Ramachandrapappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045. First & Part Bill duly verified and certified that the work is satisfactory and for a Gross Value of Rs. 3,72,12,280/- (Rs. Three Crore Seventy Two Lakhs Twelve Thousand Two Hundred and Eighty Only).

Thanking you,

Yours faithfully,

For Civil Pro

CIVIL Pro Sig..... Date..... Civil Pro BANGALORE

R. KARTHIK RECHAN B.E, M.S (U.S.A)
AUTHORIZED SIGNATORY

Attachments PMC Compliance report

NAME OF WORK:- Improvements to Roads and Drains at Mariyannapalya, Munikempanna Layout, Bhuvaneshwarinagara, Dasarahalli Balance Roads and Surrounding Area in Ward No. 06 Byatarayanapura Sub Division.

Name of Client	:	EXECUTIVE ENGINEER, BYATARAYANAPURA DIVISION, BBMP, BANGALORE
Contractor/ Agency	:	Sri. Gopi Reddy, No:03, 1st Cross, 1st Main, Ramachandrapappa Layout, Veeranapalya, Arabic College Post, Bangalore-560045
Total Cost	:	Rs. 3,72,12,280/-
Date Of Inspection	:	27-08-22
Status Of Bill	:	First &Part Bill
In the Presence of	:	a) Assistant Engineer Byatarayanapura division, BBMP, Bangalore b) R. Karthik Rechan, Proprietor, CIVIL PRO, BANGALORE

PMC COMPLIANCE REPORT		
Sl. No.	**Description of work**	**Comments/Observations**
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
2	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory

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4	Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
5	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials.HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
6	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
7	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
8	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift, transportation etc ,complete. and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory

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9	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory
10	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. and as per the directions of the Engineer-in-charge of the work	Work done upto the Billed Quantity and the Quality is satisfactory
11	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour Complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory
12	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory
13	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory

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14	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory
15	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory
21	Providing and Constructing dry lean cement concrete mix CC1:5:10 Base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum over a prepared sub-base coarse and fine aggregate conforming to IS: 383-2016, aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications and directions of the Engineer in charge.	Work done upto the Billed Quantity and the Quality is satisfactory

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

CIVIL Pro
Sig.....
Date.....
BANGALORE